

Abstract Details

Title: Quality of Service in VoIP over WiMax

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Abstract: VoIP applications are being widely used in modern-day networks challenging their functions to provide a good quality of experience level to the users. In particular, new wireless high speed broadband technologies, such as WiMAX, deployed and the performance needs to examine as a way to check the performance degrees of VoIP services. The QoS is the key concern of implementation VOIP over WiMAX networks. This daily news makes an effort to study the performance analysis of VoIP for set users, as well as, the variation of the QoS parameters. The treatment plan results had showed that using sector antenna for both BS and DURE and reduce the distance between them, improve the average packet end-to-end delay.

Keywords: Worldwide interoperable Microwave access (WiMAX), Voice over internet Protocol (VOIP), Physical (PHY) layer, Optimized Network Engineering Tools (OPNET), Top quality of Service (QoS).